

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
MRD/75SERIAL NO.
UnknownINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Achilefu et al.FILING DATE
February 7, 2002GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	5	4	5	3	5	0	5	09/1995	Lee et al.	544	124	
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	WO 96/17628	06/1996	Germany	—	—	Abstract
	A.M	WO 98/22146	05/1998	Germany	—	—	Abstract
	A.N	WO 98/48838	11/1998	England	—	—	
	A.O	WO 98/48846	11/1998	England	—	—	
	A.P						
	A.Q						

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	A.R	Woolam et al., <u>Cancer Statistics, 2000: A Benchmark for the New Century</u> , 2000, CA-A Cancer Journal For Clinicians, 50 (1), pp. 6-33
	A.S	Caesar et al., <u>The Use of Indocyanine Green in the Measurement of Hepatic Blood Flow and as a Test of Hepatic Function</u> , 1961, Clinical Science, 21, pp. 43-57
	A.T	Mujumdar et al., <u>Cyanine Dye Labeling Reagents: Sulfoindocyanine Succinimidyl Esters</u> , 1993, Bioconjugate Chemistry, 4 (2), pp. 105-111

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~~Unknown~~ 14671, 779INFORMATION DISCLOSURE
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Achilefu et al.

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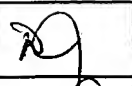


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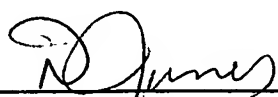
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	B.R	Belnier et al., <u>Murine pharmacokinetics and antitumor efficacy of the photodynamic sensitizer 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a</u> , 1993, Journal of Photochemistry and Photobiology B: Biology, 20, pp. 55-61
	B.S	Wagnieres et al., <u>In Vivo Fluorescence Spectroscopy and Imaging for Oncological Applications</u> , 1998, Photochemistry and Photobiology, 68 (5), pp. 603-632
	B.T	Reynolds et al., <u>Imaging of Spontaneous Canine Mammary Tumors Using Fluorescent Contrast Agents</u> , 1999, Photochemistry and Photobiology, 70 (1), pp. 87-94

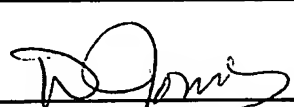
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MRD/75		SERIAL NO. Unknown 10/07/770	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Achilefu et al.			
(37 CFR 1.98(b)) (Use several sheets if necessary)				FILING DATE February 7, 2002		GROUP Unknown 1614	
U.S. PATENT DOCUMENTS							
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M	C.R	Ballou et al., <u>Tumor labeling in vivo using cyanine-conjugated monoclonal antibodies</u> , 1995, Cancer Immunology, Immunotherapy, 41, pp. 257-263					
Dg	C.S	Weissleder et al., <u>In vivo imaging of tumors with protease-activated near-infrared fluorescent probes</u> , April 1999, Nature Biotechnology, 17, pp. 375-378					
M	C.T	Licha et al., <u>New Contrast Agents for Optical Imaging: Acid-Cleavable Conjugates of Cyanine Dyes with Biomolecules</u> , January 1999, Part of the SPIE Conference on Molecular Imaging: Reporters, Dyes, Markers, and Instrumentation, San Jose, California, 3600, pp. 29-35					
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STATEMENT BY APPLICANTAPPLICANT
Achilefu et al.

(37 CFR 1.98(b))

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U.S. PATENT DOCUMENTS

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	D.R	Dougherty et al., <u>Photoradiation Therapy. II. Cure of Animal Tumors With Hematoporphyrin and Light</u> , July 1975, Journal of the National Cancer Institute, 55 (1), pp. 115-121
	D.S	Achilefu et al., <u>Novel Receptor-Targeted Fluorescent Contrast Agents for In Vivo Tumor Imaging</u> , 2000, Investigative Radiology, 35 (8), pp. 479-485
	D.T	Benaron and Stevenson, <u>Optical Time-of-Flight and Absorbance Imaging of Biologic Media</u> , March 1993, Science, New Series, 259 (5100), pp. 1463-1466

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U.S. PATENT DOCUMENTS

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	E.R	de Jong et al., <u>Comparison of ¹¹¹In-labeled Somatostatin Analogues for Tumor Scintigraphy and Radionuclide Therapy</u> , February 1998, Cancer Research, 58, pp. 437-441
	E.S	Folli et al., <u>Immunophotodiagnosis of colon carcinomas in patients injected with fluoresceinated chimeric antibodies against carcinoembryonic antigen</u> , September 1992, Proceedings of the National Academy of Sciences USA, 89, pp. 7973-7977
	E.T	Ballou et al., <u>Tumor Detection and Visualization Using Cyanine Fluorochrome-Labeled Antibodies</u> , 1997, Biotechnology Progress, 13, pp. 649-658

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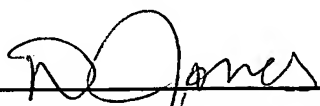
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	F.R	Tajiri et al., <u>Fluorescent diagnosis of experimental gastric cancer using a tumor-localizing photosensitizer</u> , 1997, Cancer Letters, 111, pp. 215-220
	F.S	Sackmann, <u>Fluorescence Diagnosis in GI Endoscopy</u> , 2000, Endoscopy, 32 (12), pp. 977-985
	F.T	Mizushige et al., <u>Enhancement of Ultrasound-Accelerated Thrombolysis by Echo Contrast Agents: Dependence on Microbubble Structure</u> , 1999, Ultrasound in Medicine and Biology, 25 (9), pp. 1431-1437

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U.S. PATENT DOCUMENTS

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	G.R	Frinking et al., <u>Ultrasound Contrast Imaging: Current and New Potential Methods</u> , 2000, Ultrasound in Medicine and Biology, 26 (6), pp. 965-975
	G.S	Rezzoug et al., <u>In vivo photodynamic therapy with meso-tetra(m-hydroxyphenyl)chlorin (mTHPC): influence of light intensity and optimization of photodynamic efficiency</u> , September 1996, The Society of Photo-Optical Instrumentation Engineers, 2924, pp. 181-186
	G.T	Stranadko et al., <u>Photodynamic therapy of recurrent cancer of oral cavity, an alternative to conventional treatment</u> , September 1996, The Society of Photo-Optical Instrumentation Engineers, 2924, pp. 292-297

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09	H.R	Müller et al., <u>Medical Optical Tomography: Functional Imaging and Monitoring</u> , 1993, The Society of Photo-Optical Instrumentation Engineers, Volume IS11 (Table of Contents only)
09	H.S	Tearney et al., <u>In Vivo Endoscopic Optical Biopsy with Optical Coherence Tomography</u> , June 1997, Science, 276, 2037-2039
09	H.T	Tromberg et al., <u>Non-invasive measurements of breast tissue optical properties using frequency-domain photon migration</u> , 1997, Philosophical Transactions: Biological Sciences, 352 (1354), pp. 661-668

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


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	I.S	Pelegrin et al., <u>Photoimmunodiagnosis with antibody-fluorescein conjugates: in vitro and in vivo preclinical studies</u> , 1992, J Cell Pharmacology, 3, p. 141-145
	I.T	Wilson, <u>Optical Properties of Tissues</u> , 1991, Encyclopedia of Human Biology, 5, pp. 587-597

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	J.R	He et al., Measurement of blood volume using indocyanine green measured with pulse-spectrophotometry: Its reproducibility and reliability, 1998, Critical Care Medicine, 26 (8), pp. 1446-1451
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